

ABSTRACT OF THE DISCLOSURE

a An outer rotor type brushless motor comprising an outer rotor having permanent magnets fixed onto an inner periphery of a rotor yoke, a stator including a stator core having a plural of magnetic pole portions protruded on an outer periphery thereof and coils wound on the magnetic pole portions, a cylindrical boss disposed on an inner periphery of an annular portion of the stator core, a rotational shaft extending along an axis of the boss and rotationally supported on the boss through a bearing with a leading end of the shaft having a center portion of the rotor yoke fixed thereto and a mounting plate fixed onto an outer periphery of the boss wherein the boss is formed of resin mold and extending through a hole in the mounting plate and fixed thereto and the annular portion of the stator core is mounted on and fixed to a rising portion on the inner periphery of the mounting plate.

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6 periphery of an annular portion of the stator core, a rotational shaft extending along an  
7 axis of the boss and rotationally supported on the boss through a bearing with a leading  
8 end of the shaft having a center portion of the rotor yoke fixed thereto and a mounting  
9 plate fixed onto an outer periphery of the boss wherein the boss is formed of resin mold  
10 and extending through a hole in the mounting plate and fixed thereto and the annular  
11 portion of the stator core is mounted on and fixed to a rising portion on the inner  
12 periphery of the mounting plate.